

SALES & ENGINEERING DATA

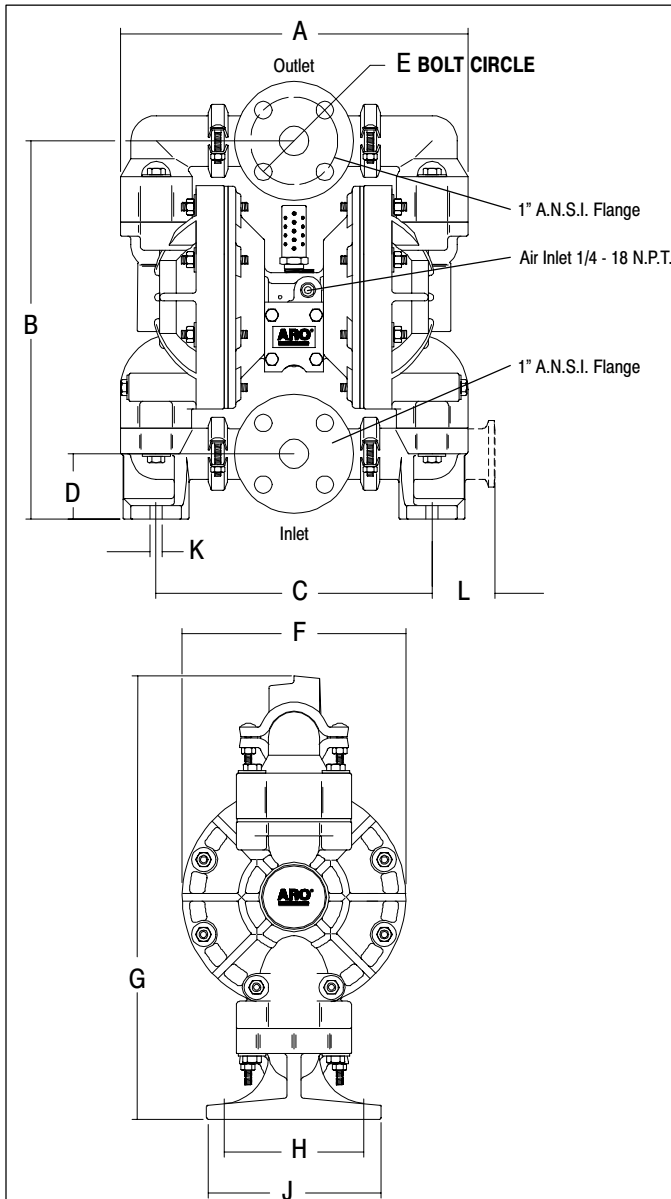
RATIO SERIES: **1:1**

FLUID P.S.I. RANGE: **20 - 120**

6661AX-XXX-C THRU 6661BX-XXX-C 1" NON-METALLIC DIAPHRAGM PUMP

RELEASED: 1-31-97
REVISED: 6-15-01
S-873

DIMENSIONAL DATA



DIMENSIONS

| | | | | | |
|---|--------------------|---|------------------|---|------------------|
| A | 12-11/16" (322 mm) | E | 3-3/16" (81 mm) | J | 6-5/16" (160 mm) |
| B | 13-13/16" (351 mm) | F | 8-1/16" (204 mm) | K | 7/16" (11 mm) |
| C | 10-1/16" (255 mm) | G | 16" (406 mm) | L | 2-1/4" (57 mm) |
| D | 2-3/8" (60 mm) | H | 5-1/16" (129 mm) | | |

NOTE: Dimensions are shown in inches and (mm), supplied for reference only and are typically rounded up to the nearest 1/16 inch.

SPECIFICATIONS

CONSTRUCTION

| | |
|---------------------------|--|
| Model Series | 6661AX-XXX-C thru 6661BX-XXX-C |
| Pump Type | Non-Metallic, Air Operated, Double Diaphragm |
| Ratio | 1:1 |
| Material Inlet / Outlet | 1" Flange, ANSI Class 150 |
| Air Inlet (female) | 1/4 - 18 N.P.T. |
| Air Exhaust (female) | 3/8 - 18 N.P.T.F. - 1 |
| Weight | 6661A3-3XX-C 20.25 lbs (9.2 kgs) 6661A4-4XX-C 28.5 lbs (12.9 kgs) 6661B3-3XX-C 28.8 lbs (13.06 kgs) 6661B4-4XX-C 37 lbs (16.78 kgs) |
| Air Section Service Kit | 637118-C |
| Fluid Section Service Kit | 637161-XX-C |

6661AX - X - C
637161 - - C
Diaphragm Material
Ball Material

EXAMPLE: Model 6661A3-311-C
Fluid Section Service Kit is 637161-11-C

PERFORMANCE

| | |
|--|-------------------------------|
| Air Inlet Pressure Range | 20 - 120 p.s.i. (1 - 8.3 bar) |
| Maximum Material Inlet Pressure | 10 p.s.i. (0.69 bar) |
| Fluid Pressure Range | 20 - 120 p.s.i. (1 - 8.3 bar) |
| Maximum Flow Rate (flooded inlet) | 47 g.p.m. (178 l.p.m.) |
| Maximum Particle Size | 1/8" dia. (3.2 mm) |
| Maximum Temperature Limits | |
| Polypropylene | 35° to 150°F (2° to 66°C) |
| Kynar (PVDF) | 10° to 200°F (-12° to 93°C) |
| Displacement / Cycle @ 100 p.s.i. | 0.17 gal. (.64 lit.) |
| Noise Level @ 70 p.s.i. - 60 c.p.m. ^① | 64.5 db(A) ^② |

① Tested with 93110 muffler installed.

② The pump sound pressure level has been updated to an Equivalent Continuous Sound Level (L_{Aeq}) to meet the intent of ANSI S1. 13-1971, CAGI-PNEUROP S5.1 using four microphone locations.

ACCESSORIES:

- 65010 Neoprene "O" Ring Air Motor Kit
- 65764 Viton "O" Ring Air Motor Kit
- 66073-1 Air Line Kit
- 67078 Flange Kit



PERFORMANCE CURVES

6661XX-XXX-C 1" NON-METALLIC DIAPHRAGM PUMP

